

04-06-04
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: George D. Purvis III
Serial No.: 10/655,870
Filing Date: September 5, 2003
Title: *Calculating a Potential of Mean Force (PMF) Score of a Protein-Ligand Complex*



Commissioner For Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Dear Sir:

Certificate of Mailing by Express Mail No. EV 324643285 US	
I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" under 37. C.F.R. 1.10 on the date shown below, and addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.	
Name:	<u>Willie Jiles</u> Willie Jiles
Date: April 7, 2004	

INFORMATION DISCLOSURE STATEMENT

Applicant respectfully requests, pursuant to 37 C.F.R. §§ 1.56, 1.97 and 1.98, that the references listed on the attached PTO-1449 form be considered and cited in the examination of the above-identified patent application. Copies of the references are enclosed for the convenience of the Examiner. No representation is made that a search has been made, that the references are material to the patentability of the present application, or that the references qualify as prior art.

REMARKS

Pursuant to 37 C.F.R. § 1.97(b)(3), Applicant believes this Information Disclosure Statement has been filed before the mailing date of the first Official Action. Therefore, Applicant believes no fee is due. However, if a fee is required, the Commissioner is hereby authorized to charge any fees or credit any overpayments to Deposit Account No. 02-0384 of Baker Botts L.L.P.

Respectfully submitted,

BAKER BOTTS L.L.P.

Attorneys for Applicant



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Date: April 7, 2004

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PTO-1449 Information Disclosure Citation in an Application		Application No. 10/655,870	Applicant(s) George D. Purvis III			
		Docket Number 016939.0103	Group Art Unit Unknown	Filing Date September 5, 2003		
U.S. PATENT DOCUMENTS						
	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
A						
B						
C						
D						
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
E						YES NO
NON-PATENT DOCUMENTS						
	DOCUMENT (Including Author, Title, Source, and Pertinent Pages)					DATE
F	Muegge I., "The Effect of Small Changes in Protein Structure on Predicted Binding Modes of Known Inhibitors of Influenza Virus Neuraminidase: PMF-Scoring in Dock4," Medicinal Chemistry Research, 1999, pp. 490-500					1999
G	Muegge, I. et al., "Evaluation of PMF Scoring in Docking Weak Ligands to the FK506 Binding Protein," Journal of Medicinal Chemistry, 1999, vol. 42, no. 14, pp. 2498-2503					1999
H	Muegge et al., "A General and Fast Scoring Function for Protein-Ligand Interactions: A Simplified Potential Approach," Journal of Medicinal Chemistry, 1999, vol. 42, no. 5, pp. 791-804					1999
I	Ha, S. et al., "Evaluation of Docking/Scoring Approaches: A Comparative Study Based on MMP3 Inhibitors," Journal of Computer-Aided Molecular Design, vol. 14, pp. 435-448, 2000					2000
J	Montgomery, J. et al., "Structure-Based Design of Inhibitors of Purine Nucleoside Phosphorylase, 1,9-(Arylmethyl) Derivatives of 9-Deazaguanine," Journal of Medicinal Chemistry, vol. 36, no. 1, pp. 55-69, January 8, 1993					01/08/1993
K	Farutin, V., "Structure-Activity Relationships for a Class of Inhibitors of Purine Nucleoside Phosphorylase," Journal of Medicinal Chemistry, vol. 42, no. 13, pp. 2422-2431, July 1, 1999					07/01/1999
L	Morris, G. et al., "Automated Docking Using a Lamarckian Genetic Algorithm and an Empirical Binding Free Energy Function," Journal of Computational Chemistry, vol. 19, no. 14, pp. 1639-1662, 1998					1998
M	Lipkowitz, K., et al., "Reviews in Computational Chemistry," Wiley-VCH, Volume 17, 2001					2001
EXAMINER			DATE CONSIDERED			
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.						